

58

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| Notice of Allowability | Application No. | Applicant(s) | |
| | 10/649,249 | ALMOG ET AL. | |
| | Examiner | Art Unit | |
| | Dac V. Ha | 2611 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 01/29/07.
2. ☒ The allowed claim(s) is/are 1-28, renumbered as 1-28, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|

Dac V. Ha
 Primary Examiner
 Art Unit: 2611

Allowable Subject Matter

1. Claims 1-28 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:

Upon further consideration and comparison with prior art of record (closest reference, Goki – US 2004/0078774), amended claim 28 is allowed. Claims 1-27 were allowed previously. Particularly, prior art of record, taken individually or collectively, fails to fairly teach method and apparatus for data transfer between phase independent clock domain including “a first electronic component region and a second electronic component region the operation of which is phase-independent of the first electronic component region, said regions clocked from a commonly originating clock signal such that a clock frequency ratio variable about an average value is established between said regions, the method comprising: buffering said data stream received from said first region at a predetermined rate, initially synchronizing receipt of buffering output at the second region with phasing of a clock of said second region in response to a synchronization signal from the first region, and outputting said buffered data to said second region continually at said predetermined rate according to said initial synchronization” in independent claim 28 and “transferring a multi-word data stream between a first electronic component region and a second electronic component region, said multi-word data stream having a start and a continuation, said component regions being clocked such as to have a frequency ratio therebetween variable about an average value, and a maximum mutual jitter between the two clocks the method

Art Unit: 2611

comprising: outputting said start from said first component region, outputting a synchronization signal to indicate timing of outputting of said start, outputting said continuation from said first electronic component region at a first predetermined rate, buffering said data stream including said start and said continuation, using said synchronization signal to establish an initial synchronization with said second electronic component region, outputting said buffered start of said data stream to said second electronic component region in accordance with said initial synchronization, and outputting said continuation to said second electronic component region at substantially said first predetermined rate, at timings dictated by said initial synchronization" in independent claim 1 and similarly in independent claim 14 (claims 2-13, 15-27 depend therefrom). Thus, claims 1-28 are found to be novel and unobvious over prior art of record.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dac V. Ha whose telephone number is 571-272-3040. The examiner can normally be reached on 5/4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-3086. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2611

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'Dac V. Ha', with a horizontal line drawn underneath it.

Dac V. Ha
Primary Examiner
Art Unit 2611